

III. REMARKS

Claims 1 and 7 have been amended to make it clear that the use is not part of the claimed system and that the user's action is not part of the claimed method.

Claims 1-10 are rejected under 35 U.S.C. 103(a) as being unpatentable over Hannu in view of Hamalainen.

The present invention is a method and terminal which offers the user of a mobile station a chance to influence the use of a compression method by modifying the characteristics parameters of the mobile station, particularly the parameters specifying the compression methods used, whereby the characteristics parameters to be communicated to the radio network are changed in accordance with the settings made by the user. In response to a change, the mobile station is arranged to transmit the modified characteristics parameters to the radio network, which then configures a compression method to be used or not to be used on all radio bearers of the mobile station in accordance with the settings made by the user as recited in claims 1 and 7.

The invention provides the advantage that it offers the user of the terminal a chance to influence the configuration of the compression methods used. Another advantage is that the invention

can be preferably implemented as an internal change in the terminal, whereby no changes are preferably needed in the mobile system, its network elements or the data transmission used in the system. A further advantage is that the changes made by the user of the terminal in the characteristics parameters are not critical to time, but the user may make the changes either before the activation of a PDP context(s) or after at least one PDP text is activated.

Hannu uses the request-reply nature of communication protocols to update compression and decompression dictionaries. Each communication entity will update its dictionary with a new message as it is known that the other communication entity has access to the message. In one embodiment, an entity updates a compression/decompression dictionary by updating the dictionary with sent messages as soon as a reply arrives from the other entity, and by immediately updating the dictionary with received messages. In another embodiment, received messages are used to update an entity's decompression dictionary and sent messages are used to update an entity's compression dictionary.

Hannu relates only to the updating of compression and decompression dictionaries. It does not disclose that the parameters defining the compression methods used could be updated or modified, not generally at all and not especially by the user of the terminal of the mobile communication system all as recited in claims 1 and 7. Also, Hannu relates to different subject matter, and it has nothing to do with the problem of the present application (see paragraphs [0004-0018]). In particular, it has nothing to do

with the problem if allowing a user to select the compression method.

Hamalainen relates to a subnetwork dependent convergence protocol for a mobile radio network. It presents a method of operating a mobile radio network in which data is assembled into units by a first convergence protocol layer prior to transmission of the data to a second, peer convergence protocol layer. The data is provided to the first convergence protocol layer by one of the plurality of convergence protocol layer users. The method comprises assigning at least one access point identifier to each user and exchanging between said first and second layers one or more compression control messages. Each message contains a data compression/decompression algorithm identifier, a set of parameters for the identified algorithm and identification of at least one access point identifier which is to make use of the identified algorithm (see claim 1 therein).

Hamalainen does not disclose that the user of the terminal of the mobile communication system could have any influence on the selection of the compression method(s) used. For example, the sentence in column 3, lines 41 to 44, that: "Typically, the decision over whether to use compression is made by the user interface application which generates the user data supplied to the SNDCP layer via one of the SNDCP users" has nothing to do with the idea that the user of the terminal could do something in the selection of the compression method(s). It is the system making the decision in Hamalainen.

Claims 1 and 7 recite updating the compression parameters, modifying the characteristics parameters in accordance with the update, transmitting the modified parameters to the radio network and configuring the use of a compression method (claim 1), or receive from the radio network the settings of the use of a compression method (claim 7). These limitations are not in the references even when taken in combinations.

Further, Hamalainen is not for the problem of allowing the user to select the compression method. (In fact, it is for the problem of allowing different PDP contexts to use the same compression algorithm with different codebooks, see column 4, lines 38-41.) Thus it is improper to combine it with Hannu in the first place to solve the problem solved by the present invention, see In re Bigio, 72USPQ2d 1209, 1212.

For all of the foregoing reasons, it is respectfully submitted that all of the claims now present in the application are clearly novel and patentable over the prior art of record, and are in proper form for allowance. Accordingly, favorable reconsideration and allowance is respectfully requested. Should any unresolved issues remain, the Examiner is invited to call Applicants' attorney at the telephone number indicated below.

A check in the amount of \$120.00 is enclosed for a one-month extension of time fee. The Commissioner is hereby authorized to charge payment for any fees associated with this communication or credit any over payment to Deposit Account No. 16-1350.

Respectfully submitted,

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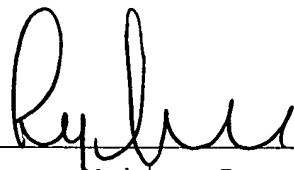
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